

Remarks/Arguments

Claims 1-9 are pending and claims 1-3, 5, 6, 9, 10, 12-14 and 18 stand rejected. In response to the office action dated June 15, 2007, the claim amendments and following comments are submitted and reconsideration of the claim rejections is respectfully requested.

35 U.S.C. §103

Examiner has rejected claims 1-3, 5, 6, 9, 10, 12-14 and 18 under 35 U.S.C. §103(a) as being unpatentable over Forssen et al (WO 95/09490) in view of Proctor, Jr. et al (US 6,941,152).

Forssen relates to a base station which transmits signals to mobile stations in channels (class1) in a wide antenna lobe to determine the position of the mobile. Thus the power of signals received from mobile station is measured. The lobe with the largest measured power is then selected as the best lobe and the signals (class2) are transmitted with a narrow antenna lobe, so having a higher spectral efficiency.

The Forssen reference does not disclose that the multi-receiver frames (RTS, CTS), which are exchanged between a station and a plurality of other stations in an omnidirectional manner , **indicate the source and the destination of the transmitting and the receiving stations**. Consequently, the system disclosed by the invention does not need to measure the power of the signals to select a lobe of the omnidirectional antenna.

The Proctor reference discloses a method which manages transmission constraints such as transmission power, FEC and modulation to maximize throughput in a wireless telecommunications network, the constraints are less restrictive to allow higher throughput.

It is clear that the cited references, taken either singly or in combination, do not affect the patentability of Claim 1 as nowhere do these references show or suggest: multi-receiver frames (RTS, CTS) are exchanged between a station and a plurality of other stations in an omnidirectional manner , **indicating the source and the destination of the transmitting and the receiving station** and Mono-receiver frames (DATA, ACK) are exchanged between **the transmitting station**

and **the determined receiving station in a directional manner determined by the first multi-receiver frames**, thus increasing the throughput as specifically recited in amended Claim 1. Having responded to Examiner's rejection of claim 1, Applicant respectfully requests withdrawal of the rejection of claim 1. Claims 2, 3, 5 and 6, being drawn on and having further features over an allowable base claim are themselves allowable. It is therefore respectfully requested that rejection of claims 2, 3, 5 and 6 be withdrawn.

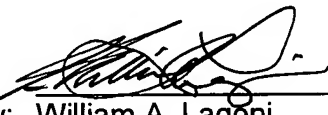
Independent claim 9 relates to a transmitting and/or receiving station for a wireless communication network, wherein said station comprises means to transmit and/or receive multi-receiver frames in an omnidirectional manner **indicating the source and the destination of the transmitting and the receiving station** and means to transmit and/or receive mono-receiver frames in a directional manner, **determined by the multi-receiver frames**, the transmission in a omnidirectional manner being effected in a more robust fashion than the transmission in a directional manner.

For all the reasons stated previously for allowance of claim 1, it is therefore clear that the cited references, taken either singly or in combination, do not affect the patentability of Claim 9 and that rejection of claim 9 has been traversed. Applicant respectfully requests withdrawal of the rejection of claim 9. Claims 10, 12-14 and 18, being dependent on and having further features over an allowable base claim, are themselves thus allowable. It is therefore respectfully requested that rejection of claims 10, 12-14 and 18 be withdrawn.

Having fully addressed the Examiner's rejections it is believed that, in view of the preceding amendments and remarks, this application stands in condition for allowance. Accordingly then, reconsideration and allowance are respectfully solicited. If, however, the Examiner is of the opinion that such action cannot be taken, the Examiner is invited to contact the applicant's attorney at (317) 587-4029, so that a mutually convenient date and time for a telephonic interview may be scheduled.

No additional fee is believed due. However, if an additional fee is due, please charge the additional fee to Deposit Account 07-0832.

Respectfully submitted,

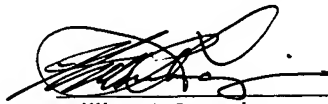

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CERTIFICATE OF MAILING

I hereby certify that this amendment is being deposited with the United States Postal Service as First Class Mail, postage prepaid, in an envelope addressed to Mail Stop AMENDMENT, Commissioner for Patents, Alexandria, Virginia 22313-1450 on:

Dec. 4, 2007
Date


William A. Lagoni